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ENTERED # 5



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RAW SEQUENCE LISTING

DATE: 02/15/2002

PATENT APPLICATION: US/09/989,420

TIME: 13:11:28

Input Set : A:\EP.txt

Output Set: N:\CRF3\02152002\I989420.raw

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3 <110> APPLICANT: MINENO, Junichi et al.
5 <120> TITLE OF INVENTION: Genomic DNA library
7 <130> FILE REFERENCE: 1422-0506P
9 <140> CURRENT APPLICATION NUMBER: US 09/989,420
10 <141> CURRENT FILING DATE: 2001-11-21
12 <160> NUMBER OF SEQ ID NOS: 69
14 <170> SOFTWARE: PatentIn Ver. 2.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 22
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial Sequence
21 <220> FEATURE:
22 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence for ER1 primer
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25 ggaattcggc ggccgcggat cc                                22
27 <210> SEQ ID NO: 2
28 <211> LENGTH: 21
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
34 APC gene
36 <400> SEQUENCE: 2
37 caactctaatt tagatgaccc a                                21
39 <210> SEQ ID NO: 3
40 <211> LENGTH: 21
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
46 APC gene
48 <400> SEQUENCE: 3
49 gagagtatga attctgtact t                                21
51 <210> SEQ ID NO: 4
52 <211> LENGTH: 20
53 <212> TYPE: DNA
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
58 APC gene
60 <400> SEQUENCE: 4

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61 cagacttatt gtgtagaaga
63 <210> SEQ ID NO: 5

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64 <211> LENGTH: 20
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
70     APC gene
72 <400> SEQUENCE: 5
73 ctcctgaaga aaattcaaca                                20
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 20
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
82     APC gene
84 <400> SEQUENCE: 6
85 actccagatg gattttcttg                                20
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 20
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
94     APC gene
96 <400> SEQUENCE: 7
97 ggctggcttt ttgctttac                                20
99 <210> SEQ ID NO: 8
100 <211> LENGTH: 23
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
106     APC gene
108 <400> SEQUENCE: 8
109 gtcgtaattt tgtttctaaa ctc                            23
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 21
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
118     APC gene
120 <400> SEQUENCE: 9
121 tgaaggactc ggatttcacg c                                21
123 <210> SEQ ID NO: 10
124 <211> LENGTH: 23
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence

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128 <220> FEATURE:

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129 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
130     APC gene
132 <400> SEQUENCE: 10
133 atttgaatac tacagtgtta ccc                                23
135 <210> SEQ ID NO: 11
136 <211> LENGTH: 24
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
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142     APC gene
144 <400> SEQUENCE: 11
145 cttgtattct aatttggcat aagg                                24
147 <210> SEQ ID NO: 12
148 <211> LENGTH: 22
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
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154     APC gene
156 <400> SEQUENCE: 12
157 gttactgcat acacattgtg ac                                22
159 <210> SEQ ID NO: 13
160 <211> LENGTH: 23
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
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166     APC gene
168 <400> SEQUENCE: 13
169 acttctatct ttttcagaac gag                                23
171 <210> SEQ ID NO: 14
172 <211> LENGTH: 23
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
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178     APC gene
180 <400> SEQUENCE: 14
181 atttgaatac tacagtgtta ccc                                23
183 <210> SEQ ID NO: 15
184 <211> LENGTH: 26
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
190     APC gene

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192 <400> SEQUENCE: 15

193 gtttctcttc attatatttt atgcta

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195 <210> SEQ ID NO: 16
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198 <213> ORGANISM: Artificial Sequence
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201 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
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202     APC gene
204 <400> SEQUENCE: 16
205 aagcctacca attatagtga acg                23
207 <210> SEQ ID NO: 17
208 <211> LENGTH: 20
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
214     APC gene
216 <400> SEQUENCE: 17
217 ggctggcttt ttgctttac                20
219 <210> SEQ ID NO: 18
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221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
226     APC gene
228 <400> SEQUENCE: 18
229 ctgccatgcc aacaaagtca                20
231 <210> SEQ ID NO: 19
232 <211> LENGTH: 21
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
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238     APC gene
240 <400> SEQUENCE: 19
241 cttttttggc attgcggagc t                21
243 <210> SEQ ID NO: 20
244 <211> LENGTH: 20
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
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250     cyclin D1 gene
252 <400> SEQUENCE: 20
253 atgagcaagc tgcccagggga                20
255 <210> SEQ ID NO: 21
256 <211> LENGTH: 20
257 <212> TYPE: DNA

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258 <213> ORGANISM: Artificial Sequence

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260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
262     CAB1 gene
264 <400> SEQUENCE: 21
265 tcacgcccgg gccccagct                20
267 <210> SEQ ID NO: 22
268 <211> LENGTH: 20
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
274     cyclin E1 gene
276 <400> SEQUENCE: 22
277 atggaacacc agctcctgtg                20
279 <210> SEQ ID NO: 23
280 <211> LENGTH: 20
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
286     cyclin E1 gene
288 <400> SEQUENCE: 23
289 tcagatgtcc acgtcccgca                20
291 <210> SEQ ID NO: 24
292 <211> LENGTH: 20
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
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298     cyclin E1 gene
300 <400> SEQUENCE: 24
301 gtgctcaccc ggcccgtgc                20
303 <210> SEQ ID NO: 25
304 <211> LENGTH: 20
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying
310     cyclin E1 gene
312 <400> SEQUENCE: 25
313 ggagagggct gccccctgcc                20
315 <210> SEQ ID NO: 26
316 <211> LENGTH: 20
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer
for amplifying

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322 p16 gene
324 <400> SEQUENCE: 26

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/989,420

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